WHAT IS CLAIMED IS:

1. A calender for treating a product web, said calender comprising:

a plurality of rolls arranged along a loading plane in a roll stack having a first end and a second end, the plurality of rolls including hard rolls, and resilient rolls and treating nips, wherein each treating nip is formed by a juncture of one of said hard rolls and one of said resilient rolls; and

a plurality of drives, with one drive connected to each roll in the treating nip, each drive applying specific power to its respectively driven roll, wherein the power includes re-forming, transporting and loss power.

2. A calender as in claim 1, further comprising a control device for adjusting drive power distribution among all drives, said control device including individual controllers which are connected to an overall controller.

3. A calender as in claim 2, wherein the control device is adapted to control the total power output of the drives during operation.

4. A calender as in claim 1, further comprising means for measuring actual roll bearing forces at right angles to the loading plane.